

19990915.qrp v01_n580.qrl.990915

Date: Wed, 15 Sep 1999 19:03:06 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1580

QRP-L Digest 1580

Topics covered in this issue include:

- 1) [50369] FS: HW-9 Station
by DaveLeDuc@aol.com
- 2) [50370] Re: Aurora
by Skip <longbeard@cybernet1.com>
- 3) [50371] Speaking of off topic issues...
by "Dave Benham" <dodgeboy@mindspring.com>
- 4) [50372] Re: KI6DS Plans for QRP Afield this Saturday
by "Hugo Catta" <h.catta@worldnet.att.net>
- 5) [50373] Re: 1N735?
by "Larry Przyborowski" <lprzyiski@erols.com>
- 6) [50374] Re: 1N735?
by "George T. Baker" <w5yr@swbell.net>
- 7) [50375] Re: TiCK & 2N2/40
by "Jim Kortge, K8IQY" <jokortge@prodigy.net>
- 8) [50376] Last Call For QRP NJ QSO Party Logs!
by Ken Newman <N2CQ@citnet.com>
- 9) [50377] Re: Off topic questions etc.
by Charles Greene <cgreene@loa.com>
- 10) [50378] QRP station is finally coming together
by "Cory Zito" <czito@execpc.com>
- 11) [50379] Re: Speaking of off topic issues...
by "John J. McDonough" <jjmcd@tm.net>
- 12) [50380] WTB: 206A Xtal calibrator
by "Tim Cook" <timcook@erinet.com>
- 13) [50381] Re: KI6DS Plans for QRP Afield this Saturday
by Roger Hightower <n7kt@earthlink.net>
- 14) [50382] Re: QRP-L, Let's take it back!!!
by Phil Wheeler <w7ox@mindspring.com>
- 15) [50383] Straight key found in junque boxe
by n5ib@juno.com
- 16) [50384] Re: QRP-L, Let's take it back!!!
by "John J. McDonough" <jjmcd@tm.net>
- 17) [50385] BNC's for RG-174?
by "Rod, N0RC" <rw@frie.com>
- 18) [50386] Re: TiCK & 2N2/40 - Thanks
by "M. Monninger" <markem@primenet.com>
- 19) [50387] Re: QRP station is finally coming together

by Phil Wheeler <w7ox@mindspring.com>
20) [50388] FS Norcal 38 special
by "BHUYCK" <BHUYCK@prodigy.net>
21) [50389] RE: QRP-L, Let's take it back!!!
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
22) [50390] Re: QRP-L. Let's take it back!!!
by Shephed@aol.com
23) [50391] Jersey QRPers doing AFIELD this Saturday: WQ2RP
by "George Heron" <n2apb@erols.com>
24) [50392] Re: MILES PER WATT
by "The One and Only!" <mitch96@pobox.com>
25) [50393] Re: MILES PER WATT
by Monte Stark <ku7y@dri.edu>
26) [50394] Re: Arura!; Lunch Break QRP
by S LYON <sslyon@worldnet.att.net>
27) [50395] soldering iron part 2
by <SFIKE@twa.com>
28) [50396] QRPTTF
by Monte Stark <ku7y@dri.edu>
29) [50397] Mystery Key
by igeq100@iupui.edu
30) [50398] Re: KI6DS Plans for QRP Afield this Saturday
by Bob Hightower <ki7mn@extremezone.com>
31) [50399] Group join for the CW Operators Club (Australia)...status
by "John Burnley" <burnleyia@home.com>
32) [50400] Vendor information for QRP display tables
by "John Burnley" <burnleyia@home.com>
33) [50401] OT and filters
by Pete Burbank <plburbank@kih.net>
34) [50402] Re: Nye-Viking Heavy Duty key
by guillotstutoring@juno.com
35) [50403] Re: QRP-L, Let's take it back!!!
by "Dick Schneider" <dschneider2@uswest.net>
36) [50404] Re: MILES PER WATT
by Larry Cahoon <wd3p@juno.com>
37) [50405] Re: Solar Cell 250ma 20 bucks plus shipping (long)
by david varyd <davidvarydofmi@juno.com>
38) [50406] Re: QRP-L, Let's take it back!!!
by Pete Burbank <plburbank@kih.net>
39) [50407] Re: Solar Cell 250ma 20 bucks plus shipping (long)
by Jeff Francis <jfrancis@frii.com>
40) [50408] DK9SQ and Mast Comments wanted
by "Jack Oakland, CA" <w6abc@yahoo.com>
41) [50409] Re: QRP-L, Let's take it back!!!
by Russ Dow <n7dw@garlic.com>
42) [50410] Re: where to buy DDS chips?
by "Leon Heller" <leon_heller@hotmail.com>
43) [50411] Re: Arura!

by "dor" <elbc@pivot.net>
44) [50412] Wtd.
by "Perley Urquhart" <n1yuk@nemaine.com>
45) [50413] looking for a QRP-rig...
by Hans =?iso-8859-1?Q?=D6stnell?= <Hans.Ostnell@itn.vxu.se>
46) [50414] Re: QRP station is finally coming together
by mikemo@ibm.net
47) [50415] Re: Solar Cell 250ma 20 bucks plus shipping
by "Adam B. Kanis" <akanis@divis17.ped-gen.uiowa.edu>
48) [50416] Re: soldering iron part 2
by Karl.Kanalz@optelinc.com
49) [50417] Re: DK9SQ and Mast Comments wanted
by "Pat Cain, K0PC" <pcain@netscape.net>
50) [50418] DK9SQ Tower and Loop
by Phil Wheeler <w7ox@mindspring.com>
51) [50419] Re: soldering iron part 2
by Phil Wheeler <w7ox@mindspring.com>
52) [50420] Re: 5B4/W2KJ Activity Report from Cyprus
by "joseph trombino" <joetrom@excite.com>
53) [50421] Re: 5B4/W2KJ Activity Report from Cyprus
by Phil Wheeler <w7ox@mindspring.com>
54) [50422] Antenna stand-offs
by bcutter@teal.csn.net (Bob Cutter)
55) [50423] Antenna stand-offs
by Karl.Kanalz@optelinc.com
56) [50424] Ferrite Rod Inductors
by Bruce Kizerian <kizerian@ced.utah.edu>
57) [50425] Re: Antenna stand-offs
by "Richard Brummer, K2REB" <obvious@bestweb.net>
58) [50426] Re: Ferrite Rod Inductors
by "Mike Yetsko" <myetsko@insydesw.com>
59) [50427] NF9K QRP Afield Plans
by "Joel Kluender, NF9K" <nf9k@eudoramail.com>
60) [50428] Re: DK9SQ and Mast Comments wanted
by Bruce Grubbs <bog@flagstaff.az.us>
61) [50429] Re: Ferrite Rod Inductors
by Chris Trask <ctrask@primenet.com>
62) [50430] QRP Afield: Reporting
by "David Benson" <nn1g@earthlink.net>
63) [50431] RE: DK9SQ mast
by N10DL@aol.com
64) [50432] Re: Ferrite Rod Inductors
by Jake Brodsky <frussle@erols.com>
65) [50433] Change in Plans for Tuna Tin 2/MRX Receiver Building at Pacificon
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
66) [50434] BATTERY RATING QUESTION
by ARDUJENSKI@aol.com
67) [50435] To Harry Hurst FW: Quick non Radio Request

- by Brad Mugleston <bmug@gwl.com>
- 68) [50436] ALTOIDS LATCH TIP
by ARDUJENSKI@aol.com
- 69) [50437] Re: BATTERY RATING QUESTION
by "George T. Baker" <w5yr@swbell.net>
- 70) [50438] Re: Nye-Viking Heavy Duty key
by Caldera OpenLinux User <qrp@cisgw3.law.pace.edu>
- 71) [50439] Re: Ferrite Rod Inductors
by "Leon Heller" <leon_heller@hotmail.com>
- 72) [50440] RE: Ferrite Rod Inductors
by "Tracy" <tracy@bytemark.com>
- 73) [50441] Soldering Iron Temps
by "Marshall Emm" <mgemm@mtechnologies.com>
- 74) [50442] QRP Afield
by "Ward Hill" <w_hill@ns.net>
- 75) [50443] Antenna reducing software needed
by Jim Hale <kj5tf@yahoo.com>
- 76) [50444] Wanted: Wilderness Radio style cabinet latches
by Allan G Taylor <k7gt@arrl.net>
- 77) [50445] Re: QRP-L. Let's take it back!!!
by "Cla KA0GKC" <ka0gkc@arrl.net>
- 78) [50446] Re: Antenna reducing software needed
by Jim <w7ls@blarg.net>
- 79) [50447] N4BP Afield
by Bob Patten <n4bp@bc.seflin.org>
- 80) [50448] Wrangell Island, last QRP call for 1999 (fwd)
by Joe Gervais <vole@primenet.com>
- 81) [50449] Re: DK9SQ Tower and Loop
by Niel Skousen <skousen@srv.net>
- 82) [50450] Re: [CW] Interesting Book Review...
by Goran Hosinsky <hosinsky@jet.es>
- 83) [50451] HP 650A Signal Generator
by "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
- 84) [50452] toroid question?
by Bruce Rattray <rattray@gpfn.sk.ca>
- 85) [50453] Tuna Tin 2/MRX Kits 12 gone/33 left
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 86) [50454] Re: Straight key found in junque boxe
by K2UD@aol.com
- 87) [50455] Loop on fascia board (was Re: Antenna standoffs)
by w4pj@w4bkx.ampr.org
- 88) [50456] Re: Loop on fascia board (was Re: Antenna standoffs)
by crc <crc@io.com>
- 89) [50457] Re: Loop on fascia board (was Re: Antenna standoffs)
by Karl.Kanalz@optelinc.com
- 90) [50458] Re: 1N735
by "Benjamin F. Poinsett" <benmail@erols.com>
- 91) [50459] Re: [CW] Interesting Book Review...

by K2UD@aol.com
92) [50460] Re: perforated foam source?
by "Adam B. Kanis" <akanis@divis17.ped-gen.uiowa.edu>

Date: Tue, 14 Sep 1999 19:40:23 EDT
From: DaveLeDuc@aol.com
To: HEATH@LISTSERV.TEMPE.GOV
Cc: qrp-l@lehigh.edu
Subject: [50369] FS: HW-9 Station
Message-ID: <d81adb37.251036e7@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

HW-9 with WARC bands, PSA-9 power supply, HM-9 wattmeter, and HFT-9A tuner.
All in excellent physical and electrical condition.
\$395 plus shipping from 03858
Dave K1EPJ

Date: Tue, 14 Sep 1999 16:02:04 -0600
From: Skip <longbeard@cybernet1.com>
To: qrp-l@Lehigh.edu
Subject: [50370] Re: Aurora
Message-ID: <3.0.6.32.19990914160204.007a23e0@mail.cybernet1.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Monday nights was MUCH better! Last night ... just a glow on the horizon.

Skip, K=D8YWD
=20
QRP-C #146, QRP-L #2003, CQC #616
Skip, K=D8YWD
=20
QRP-C #146, QRP-L #2003, CQC #616

Date: Tue, 14 Sep 1999 17:53:14 -0400
From: "Dave Benham" <dodgeboy@mindspring.com>
To: <qrp-l@Lehigh.EDU>
Subject: [50371] Speaking of off topic issues...
Message-ID: <019401befefb\$8ca62e20\$edb28ad1@hqa.chrysler.com>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

What are some other good reflectors for general ham radio questions,
including some of a technical nature?
I would love to ask some off topic things here, because I know the guys/gals
here would have the answers, but some of my questions have nothing to do
with QRP per se.
So where do I go? (careful...)
Dave K8TRF

Date: Tue, 14 Sep 1999 18:30:34 -0400
From: "Hugo Catta" <h.catta@worldnet.att.net>
To: <ki6ds@dpol.k12.ca.us>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [50372] Re: KI6DS Plans for QRP Afield this Saturday
Message-ID: <001e01beff00\$c3b5b160\$62db4e0c@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

....SNIP....
Sent: Tuesday, September 14, 1999 2:21 PM
Subject: KI6DS Plans for QRP Afield this Saturday

> Guys, I am going to be in the contest this Saturday. Have made all the
> arrangements with the XYL, and have permission from "she who must be
> obeyed

...SNIP.....

> How about the rest of you telling us your plans for the big day?

That is a great idea!

I already got permission too. I'll be in a local park known for its nice
hiking and biking trails. My son Gaston, he s 13, is coming along with his
dirt bike and will help with the set-up. After that he'll hit the trails.
I m still undecided whether to bring my sling-shot, (I could get myself in
troubles in a public park), or just the casting rod and reel.

I'll take my Sierra, 4.5 Ah battery, 100ft of 26ga black jacket copperclad with a 2oz sinker at one end, 2 or 3 "uncalibrated" counterpoises, my reversible L minituner and a 4 to1 UN-UN just in case.
I still need to do something about the K8FF paddles: After a couple of hours of use, the contacts become unreliable and need filing/cleaning.
I'll take only the Benchers if go biking; or both and the NC-20 as a 2nd rcvr if I decide to drive.
Biking is more appealing..... but I don't have a back pack, only an older notebook computer briefcase that I can hang from my neck
Of course It could rain; in which case I'll stay home and do whatever chores my XYL command me to do.

>
> This will be a single op event for me. See you on the air Saturday. 72,
> Doug, KI6DS

ditto

72,
Hugo
CX9AAK/W2

Date: Tue, 14 Sep 1999 20:11:14 -0400
From: "Larry Przyborowski" <lprzyiski@erols.com>
To: <benmail@erols.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [50373] Re: 1N735?
Message-ID: <00c901beff0e\$d82e71a0\$0883accf@k3peg>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: Benjamin F. Poinsett <benmail@erols.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Tuesday, September 14, 1999 1:05 PM
Subject: 1N735?

> I've been doing some troubleshooting and found a "shorted"
> diode. It is stamped "735." I assume it is a 1N735. A check

NTE idents it as a 75 (seventy-five) volt zener diode @ 1/2 watt.
NTE part # isNTE5046A

You can d/l the cross-ref s/w free at <http://www.nteinc.com>

72/73 de Larry - K3PEG -.-

Date: Tue, 14 Sep 1999 19:49:46 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: benmail@erols.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [50374] Re: 1N735?
Message-ID: <37DEED2A.9C4A5563@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

How was it used and in what equipment? Physical description? Size? Type?

72/73, George AMA 98452 R/C since 1964

Amateur Radio W5YR, in the 54th year and it just keeps getting better!
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County
QRP-L QRP-ARCI FISTS NORCAL ZOMBIE ARS 10-X 33.2 N 96.6 W EM13RE

"Benjamin F. Poinsett" wrote:

>
> I've been doing some troubleshooting and found a "shorted"
> diode.

Date: Tue, 14 Sep 1999 20:51:27 -0400
From: "Jim Kortge, K8IQY" <jokortge@prodigy.net>
To: markem@primenet.com
Cc: qrp-l@lehigh.edu
Subject: [50375] Re: TiCK & 2N2/40
Message-ID: <3.0.1.32.19990914205127.00729624@pop.prodigy.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 09:25 PM 9/11/99 -0700, you wrote:

>I'm trying to integrate a TiCK 2B into my 2N2/40. I'm having a bit of a
>problem injecting the TiCK's audio into the 2N2's audio amp. It's way too

>loud. I'm feeding the TiCK audio into a .1uF cap and then thru about 8M of
>resistors into the input of the audio amp (high side of the volume pot).
>I've disabled the 2N2's sidetone so that isn't getting into it. Would a
>smaller cap help? What would be a good value? Is there a better point to
>inject the audio?

Mark.....you need to feed the output of the TiCK into a voltage
divider before injecting it into the audio chain. I'd guess that
you will have to use a divider of maybe 50 to 1, or a 10K resistor
in series with a 220 ohm resistor to ground off of the TiCK output
lead. Then from the junction of the two resistors, take another resistor
at 100K in series with a .01uF cap to the base of Q11.

If you don't get enough audio, increase the 220 resistor, if too much,
make the 220 ohm smaller. Let us all know how that works.

72 and GL.....Jim, K8IQY

Date: Tue, 14 Sep 1999 18:54:30 -0400
From: Ken Newman <N2CQ@citnet.com>
To: epaqrp-1@lehigh.edu, QRP-L@lehigh.edu, njqrp@njqrp.org
Subject: [50376] Last Call For QRP NJ QSO Party Logs!
Message-ID: <3.0.6.32.19990914185430.007d87a0@mail.citnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi QRP Contesters,

Last call for logs that you operated in the NJ QSO Party. Send your
log to:

Englewood ARA
PO Box 528
Englewood, NJ 07631-0528

If you do so, send me an e-mail with a copy of your summary ONLY.
If not, send me the full log to the e-mail or USPO addresses below.
Add 100 points to each QSO with WQ2RP. (Don't include that to the
Englewood ARA entry). Last logs accepted is on Sep 18.

Hope many of you enjoyed QRP NJQP. Your entry will be important
in deciding future contests.

72 de

Ken Newman
81 Holly Drive
Woodbury, NJ 08096

N2CQ@ARRL.NET

Date: Tue, 14 Sep 1999 20:56:50 -0400
From: Charles Greene <cgreene@loa.com>
To: ianpurdie@integritynet.com.au, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [50377] Re: Off topic questions etc.
Message-ID: <4.1.19990914205619.009471d0@mail.loa.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 06:49 AM 9/15/99 +1000, Ian C. Purdie VK2TIP wrote:
>I'm with the "use your email filter/delete key" school of thought. There
>have been many posts which initially did not interest me but as they
>developed/expanded I found I learnt something valuable.
>
>At the moment I filter nothing and use delete key. Now if we could
>develop a filter which neatly filed email into sub directories etc. That
>would be nice.
Eudora Pro does that.

Try PSK31.

Chas, W1CG

Rhode Island TCPIP Address Coordinator
w1cg@arrl.net

Date: Tue, 14 Sep 1999 19:35:23 -0500 (CDT)
From: "Cory Zito" <czito@execpc.com>

To: qrp-1@lehigh.edu
Subject: [50378] QRP station is finally coming together
Message-ID: <199909150035.TAA26555@earth.execpc.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Hi Everybody,

Well after a Norcal40A, an OHR WM2, an HR DD-1, and an Emtech ZM-2 things are finally starting to fall into place for my station. I found that after building the Norcal I needed to align it, so the WM2 and DD-1 were build. Then I needed an antenna tuner so I just received the ZM-2 in the mail today.

Funny, I have spent almost as much on tools to drill the front panel as I did on the kit itself, but really don't mind since this has shown me how easy it is to make front panels using aluminum! I was amazed at how effortless it was to drill aluminum with just a plain old \$20 drill. My only problem was finding somebody with a 1/2chuck so I could drill the antenna connector holes.

Anyway I hope to see lots of you on the air. I am normally on the 40m novice section, although sometimes realign the rig down to the normal QRP calling freqs.

72/73 de Cory Zito AA9GB in Kenosha, WI

Date: Tue, 14 Sep 1999 21:02:09 -0400
From: "John J. McDonough" <jjmcd@tm.net>
To: <dodgeboy@mindspring.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [50379] Re: Speaking of off topic issues...
Message-ID: <008501beff15\$f1f7d660\$010044c0@conor-mac-nessa>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Dave Benham <dodgeboy@mindspring.com>

>What are some other good reflectors for general ham radio questions,
>including some of a technical nature?

qth.net has about a bazillion amateur radio reflectors. I particularly

enjoy the CW and Icom reflectors. There is also a fractal antenna reflector, I think it's at something like one.net but I can't seem to find a reference right now. It's been pretty quiet of late anyway.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr/>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Tue, 14 Sep 1999 21:09:00 -0400
From: "Tim Cook" <timcook@erinet.com>
To: "[Ten Tec] - Reflector" <tentec@contesting.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [50380] WTB: 206A Xtal calibrator
Message-ID: <021b01beff16\$e59a2340\$1b735acf@timcook.erinet.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Looking to buy a 206A xtal calibrator for a 509 Argonaut. May consider the 276 calibrator for the Century 21 (I think it is very similar only in a different case)
Please email direct
Thanks
Tim
NZ8J

Date: Tue, 14 Sep 1999 18:32:25 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [50381] Re: KI6DS Plans for QRP Afield this Saturday
Message-ID: <37DE94B9.C4AC0D3@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

A bunch of us ScQRPions are heading for the Mogollon Rim, where we'll do our thing on/around Milk Ranch Point and then gather for a cookout after the 'test is done Saturday night. Steaks, fresh corn on the cob, and them famous cowboy beans. Then we'll hit the air again on Sunday, since the rules allow it.

Listen for KI7MN, WB5VB0, N7KT and others.

GL and get those Q's!

--

73, de Roger, N7KT
qrp-l #62, NorCal #1099, Zombie #006
Mesa, AZ 85202

Date: Tue, 14 Sep 1999 18:32:49 -0700
From: Phil Wheeler <w7ox@mindspring.com>
To: prvalko@oakland.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [50382] Re: QRP-L, Let's take it back!!!
Message-ID: <37DEF741.5EA9A2D6@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

"Paul R. Valko" wrote:

>

> Well guess what... Chuck's moving, so he's not available to warn
> or otherwise give his size 14 Texas boot firmly to the rear of those who
> so richly deserve it, it's up to US to TAKE IT BACK!!!
>

Hmmm .. I wonder if Chuck's boot size will shrink to match his new
non-Texan status?

His new qth sounds really great.

73, Phil

Date: Tue, 14 Sep 1999 21:27:40 EDT
From: n5ib@juno.com
To: qrp-l@Lehigh.edu
Subject: [50383] Straight key found in junque boxe
Message-ID: <19990914.201726.6863.1.N5IB@juno.com>

A local ham gave me a box of shack cleanings and in it I found an old
hand key. Its marked on the bottom:
"INSP. W.E.C. Inc. 19181" I guess that's Western Electric. Frankly, as a

key I think its a dog. Way to stiffly sprung to send more than a couple of CQ's without getting carpal tunnel, and at first inspection no real easy way to disassemble it to make any mods. I'm no collector or connoisseur of keys - just pound on 'em at 15 wpm and under...

There may be some key collectors out there with some interest in it. I reckon I'd swap it for some inexpensive straight key I could actually send with :) like one of those imported ball bearing jobs that were brass plated and used to sell for under \$5. I picked up one of those at a hamfest a few months ago and managed to find a good spring for it, now it's working fine with the DSW rigs.

Anyway, there's a picture at <<http://www.qsl.net/n5ib>> if anyone is curious.

72

Jim N5IB

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Tue, 14 Sep 1999 19:26:13 -0400
From: "John J. McDonough" <jjmcd@tm.net>
To: <prvalko@oakland.edu>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Cc: <kd1jv@moose.ncia.net>
Subject: [50384] Re: QRP-L, Let's take it back!!!
Message-ID: <003001beff08\$8c6b0e00\$010044c0@conor-mac-nessa>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Paul R. Valko <prvalko@oakland.edu>

>

>In the meantime...

>

>WHO have YOU WORKED QRP?

>

>WHAT QRP item have YOU BUILT?

Heck why not. I haven't posted much in a while, maybe a little QRP-related idle babble will be a good thing.

Got a warm feeling when the latest QST came to see I was 2nd in Michigan in class A for the International DX contest. I probably should forget to mention that there were only 2 entries ;-))

Went to Findlay Sunday, bought lots of parts, getting ready to melt solder.

OK, now that my 2N2/40 is working, and quite well, thank you, I've been pondering a 20 meter version. Jim tells me that simply scaling up his VFO design to 9MHz is going to present some stability problems, so what to do?

I thought about moving the IF. I don't know if redesigning the crystal filter is a task I'm up to, but to that end I bought a pile of 12 MHz crystals. This would keep the VFO around 2MHz, and should require no design changes there at all.

Another possiblity that crossed my mind was picking up a packaged DDS VFO like the one KD1JV has been talking about. His doesn't have a display, tho, and that's something I'd like. Also, it seems a little like cheating. Kanga has one with a display, tho I think there aren't any available right now, and that puppy is expensive. And besides, it's still cheating.

Well, yesterday while chatting with N8ERO on the local repeater (2MFM is the only exercise my mike gets) it hit me that those little Epson oscillators might be the ticket. For my first shot at this what I think I'm going to do is get a 6.8MHz oscillator and pump that, along with the 2.2MHz VFO output into a SBM to come up with the 9MHz VFO signal. Probably will also need a little pi network to get rid of the unwanted mixer products. A little roundabout, but it gives me the same IF freq as the 40 meter version, and the same VFO (and especially temperature compensation) that Jim designed.

I'd also like to get a full tablespoon out, so I was thinking of replacing the finals with 2N3053's. I figger three of them should be sleeping to do 5 watts.

So whatcha all think?

72/73 de WB8RCR <http://www.qsl.net/wb8rcr/>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Tue, 14 Sep 1999 19:53:34 -0600
From: "Rod, N0RC" <rwc@frii.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [50385] BNC's for RG-174?
Message-ID: <003601beff1d\$50008b60\$a18711d8@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks:

And now for something completely different...a radio topic! TIC

I'm looking for BNCs for RG-174, Mouser has some for abt \$6. Expensive experiment. Have you used them? Do they work? And, what kinda ham would I be if I did ask: Where can I get them cheaper?

OBOTP: My car won't start, house paint is peeling, grass needs cutting, computers gone bust, going bald, over weight, TV's broke, stereo's bad....can you loan me \$5, what should I do? :-)

Date: Tue, 14 Sep 1999 19:02:38 -0700
From: "M. Monninger" <markem@primenet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [50386] Re: TiCK & 2N2/40 - Thanks
Message-ID: <3.0.6.32.19990914190238.00865590@pop.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I just wanted to thank everyone who responded to my question about injecting TiCK audio into the 2N2/40 audio chain. The consensus is to use a voltage divider, which I guess I shoulda known all along but, hey, I'm a software guy. Anyway, I'll give it a shot when I have time and report back with the results.

72/73... Mark AA7TA

Date: Tue, 14 Sep 1999 19:01:54 -0700
From: Phil Wheeler <w7ox@mindspring.com>
To: czito@execpc.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [50387] Re: QRP station is finally coming together
Message-ID: <37DEFE12.E23CF69B@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Cory Zito wrote:

> I just received the ZM-2 in the mail today.
>
> Funny, I have spent almost as much on tools to drill the front panel as I did
> on the kit itself

Mine came yesterday, Cory. I lucked out. I mentioned it to my ham machinist friend while driving home today, and he offered to do all the drilling for me. This is the fellow who whipped out a custom mobile HF mount for me in abt 30 minutes.

So tonight I do torroids, tomorrow evening the rest. ZM-2 looks like a neat qrp accessory; I especially like the robust "no meter" feature.

73 .. Phil

Date: Tue, 14 Sep 1999 21:07:11 -0500
From: "BHUYCK" <BHUYCK@prodigy.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [50388] FS Norcal 38 special
Message-ID: <NDBBLNJFELBFIPKEIOHJOE0FCBAA.BHUYCK@prodigy.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have a Norcal 38 special 30m transceiver with 5 watt mod, TICK keyer, manual, and a list of mods. Built into Ten Tec TG-24 case. \$40 shipped to continental US.

Bruce KS4V
Paducah, KY

Date: Tue, 14 Sep 1999 22:27:11 -0400

From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [50389] RE: QRP-L, Let's take it back!!!
Message-ID: <37DF03FF.63A07F08@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well I'll get the ball rolling. I have FINALLY started working on my NC-20. (I had too may Jersey Fireballs going on the bench until now) Also I was so busy catching up on NC-20 mods and scrounging parts for them that I fianlly said enough already and warmed up the soldering iron. All is going well and my compliments to everyone involved in this project.

By the way... I'm one of those kit addicts who often has several projects going all at once. I've found a reat way to keep things sorted out. My local "Dollar Store" had tray that can best be described as plastic TV dinner trays with snap on covers. I guess they were designed to prepared meals you could pop in the microwave. These little gems turn out to be perfect to hold all ofthe parts (semi-sorted) for a good sized QRP type kit. Now I keep a stack-o-kits going and I am less likely to mix things up. I suggest a trip to the dollar store to all QRP folks. many fine (and cheap) resources can be found there.

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

Date: Tue, 14 Sep 1999 22:26:12 EDT
From: Shepherd@aol.com
To: qrp-1@lehigh.edu
Subject: [50390] Re: QRP-L. Let's take it back!!!
Message-ID: <2e4513af.25105dc4@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Well, here you go, not a record by any stretch but I'm happy!

Got an envelope today from my friendly "8" area buro manager, along with the cards is one from VO1TX, Bill in Newfoundland. Worked him on 10 meters back in November running 5 watts SSB.

He was even kind enough to put my call as N8IE/qrp.

It's going on the wall for sure!

72, 73
Dan, N8IE
QRP-1 #1404
FISTS #4985

Date: Tue, 14 Sep 1999 22:53:28 -0500
From: "George Heron" <n2apb@erols.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Cc: <ki6ds@dpol.k12.ca.us>
Subject: [50391] Jersey QRPers doing AFIELD this Saturday: WQ2RP
Message-ID: <01f301beff2d\$ec836d80\$9699accf@computer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Per usual, the Jersey QRP Club (WQ2RP) will be having a club station out in the field for the QRP AFIELD event coming this Saturday. We really look forward to this annual event sponsored by sister club NE-QRP. And this year we have a neat twist:

1) the Delaware Valley Radio Association hamfest is on the following day, Sunday the 19th, and for our AFIELD event on Saturday, Dave N2ZHY has arranged for us to be able to use the Boy's Club campground in their lovely picnic grove in the Princeton area. (Center of the state.)

2) And since there's a great bonus point incentive this year for camping out and carrying over the operating of the QRP AFIELD event on Sunday morning, we'll be making our AFIELD adventure an overnight campout one! This way we'll be right there at the hamfest the following morning, with a QRP contesting demo station in progress in the middle of the flea market!

So, George N2APB and Dave N2ZHY will be pitchin' tents and

antennas in the park for an all-afternoon AFIELD event and an all-night QRP operating adventure! Tony W2GUM will be bringing his much-heralded 30-foot DK9SQ antenna (also holding a 20m delta loop) and Gummer Tilt-Over Base to help us in the park.

Other NJQRP club members are making it for the afternoon's operating time, while Dave, George, Tony and Skip N2EI start kitting up a bunch of parts for the new Fireball "SOP" Receiver (an N2CX-design) in the evening.

N2ZHY has secured a club screen tent. Dave says: "If it rains there is room under the pavilion. I told [the Boy's Club officials] to expected 5 to 10 guys overnight with 3 or 4 tents. I told them we didn't need electric but it will most likely be available overnight and certainly during the fest. There are barracks type bathrooms (who needs a sink that long to wash his hands) but I don't think any shower. Bears and raccoons are optional."

Listen for us with all your beams, dipoles, long wires, and Lazy H's pointed east to NJ on Saturday. We'll be the ones with big-time QSB as the Winds of Floyd modulate our antennas!

72, George N2APB
n2apb@amsat.org

Date: Tue, 14 Sep 1999 22:40:47 -0400
From: "The One and Only!" <mitch96@pobox.com>
To: ccart@phideaux.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [50392] Re: MILES PER WATT
Message-ID: <37DF072F.84EECA68@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Chris Cartwright Sr wrote:

>

> I didn't even think of 10KM/W, but my 20mW Q with K7GT works out to about
> 125,000 miles per watt.

And I thought I was impressed with my Hollywood fla to Solothurn
Switzerland with 4.5 watts to hb9bqr.
jeezzzzzz. but the happy dance was fun!! My first 1000 mi/watt!!! Is
there a ARCI certificate for this???

73, mitch ww4ml
lost in the ethers again..

Date: Tue, 14 Sep 1999 19:55:49 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: The One and Only! <mitch96@pobox.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [50393] Re: MILES PER WATT
Message-ID: <Pine.GS0.4.10.9909141954580.1491-1000000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 14 Sep 1999, The One and Only! wrote:

> jeezzzzzz. but the happy dance was fun!! My first 1000 mi/watt!!! Is
> there a ARCI certificate for this???

You bet Mitch,

Check out:

<http://www.qrparci.org/>

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Tue, 14 Sep 1999 22:55:55 -0400
From: S LYON <sslyon@worldnet.att.net>
To: kd1jv@moose.ncia.net

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [50394] Re: Arura!; Lunch Break QRP
Message-ID: <37DF0ABB.A315C418@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Yep... I was part of the W1QK team in S-S CT last weekend and noted some very strong aurora -but VERY strange. It was toward the N_E rather than N-W, and mostly on six meters. Almost non-existent on two meters. Had a real nice time, even tho we were hardly QRP. Just couldn't seem to get the 8877's cranked down that low somehow.

The bands have sure been mushy. I've been taking lunch breaks mostly on 20m and tho hearing weak G3, G0 and EA8, not much going on at all -at least QRP-wise.

72
-s-

Steven Weber wrote:

>
> Humm, A index over 20? Not a signal to speak of to be heard on 20M
--

'Seab' Lyon - AA1MY
Beacon NY USA FN-31
QRP-L 574 ARCI 9253

Date: 14 Sep 1999 22:10:50 LOC
From: <SFIKE@twa.com>
To: <qrp-l@lehigh.edu>
Subject: [50395] soldering iron part 2
Message-ID: <19990914.221050.SFIKE@twa.com>

I checked out the Weller military soldering set on Fair Radios web page last night and I have to admit, it definitely looks nice! Actually, it might be a little too nice for the average kit builder?! With a 45 watt rating on it, it may have too much power for the QRP kit builder? Does anyone know if a soldering iron with that much power is okay to use for QRP kit building or should I stick with one in the 15-25 watt range as per popular consensus? What say ye all?

Thanks too all who respond.

72/3
Scott

Date: Tue, 14 Sep 1999 20:11:06 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio <qrp-1@Lehigh.EDU>
Subject: [50396] QRPTTF
Message-ID: <Pine.GS0.4.10.9909142000020.1491-1000000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

The plans are done.....

Carol and I will be taking the trailer off to a local lake
sometime Thursday afternoon.

If I get enough sleep between then and Saturday, I'll also
make it for the QRPTTF! :-)

(Hey, this thinking about retiring gets a fellow tired!)

If I do it will be using the FT100 with that little auto
screwdriver from Yaesu. Battery powered from inside the
RV.

If it's too hot I'll even fire up the generator and run
the A/C! Man, let me tell you....this new RV has put a
whole new meaning into the phrase.. "roughing it"...

Oh, I'll be using TR Log on the lap top too.....

Now to see if Carol will keep me furnished with cold
cokes and snacks.....

Not sticking around for the Air Races this year....already
seen 2 planes that crashed.....one was a Yak that ground
looped and was totaled and the other a little kit built
that the front landing gear fell off of! Also totaled.
But both pilots walked away unhurt!

And watched a P-51 make a dead stick landing after loosing
his prop governor (sp?), over-revving the engine and distroying
it! They have a new engine in it and will be racing!

Heck of a place to have to work for a living..... :-)

Gee, I hope the fish don't bite and disturb me....

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Tue, 14 Sep 1999 22:19:01 -0500 (EST)
From: igeq100@iupui.edu
To: n5ib@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [50397] Mystery Key
Message-ID: <Pine.HPP.3.96.990914221324.17953B-100000@ruby.iupui.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Jim -

The key you came into possession of is a WW II vintage "flameproof" key, and to the right person, it is indeed a collectors item. The same basic design was made by a number of manufacturers (some twenty or so).

I used one of these keys for years (years ago), and my specimen was easy to adjust to a good "feel". Perhaps there was some variation among the numerous manufacturers.

73,

Richard Meiss, WB9LPU

Date: Tue, 14 Sep 1999 20:39:27 -0700
From: Bob Hightower <ki7mn@extremezone.com>
To: ki6ds@dpol.k12.ca.us
Cc: qrp-l@lehigh.edu
Subject: [50398] Re: KI6DS Plans for QRP Afield this Saturday
Message-ID: <199909150342.UAA11655@enterprise.extremezone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

At 11:21 AM 9/14/99 -0700, you wrote:=20

>

> Guys, I am going to be in the contest this Saturday.=A0=20

>

> How about the rest of you telling us your plans for the big day?

A group of us ScQRPions are going to be located on Milk Ranch Point, on the Mogollon Rim for the 'test. Single ops, but close enough for a get-together after the contest is over. Hope to catch a bunch of you on Saturday.

Bob Hightower KI7MN

<http://www.extremezone.com/~ki7mn>

Date: Tue, 14 Sep 1999 22:53:46 -0500
From: "John Burnley" <burnleyia@home.com>
To: <qrp-1@lehigh.edu>, <IaQRP-L@divis17.ped-gen.uiowa.edu>
Subject: [50399] Group join for the CW Operators Club (Australia)...status
Message-ID: <003201beff2d\$e9c278c0\$1b790818@c149522-a.west1.ia.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have six people interested in joining the CW Operators QRP Club (Australilia). If anyone else is interested in a joining let me know within the next couple of days.

Below is a copy of my original post for those who missed the first one.....

72, John NU0V

Subject: Group join for the CW Operators Club (Australia)?

Don Callow (VK5AIL) gave me some samples of the CW Operators Club newsletter (Lo-Key) for display at Iowa QRP Club functions. After reading the material I want to join! But here is the problem. The membership fee is \$16.00 (Australilian). The money is not the issue, but converting it to something they can use is a bit of a problem. Don told me that the bank takes a very healthy bite out of foreign checks (currency conversions, handling fees, etc.). I can get the equivalent of a money order in Australian funds but it costs \$15.00 (US). I could also get Australian currency for a lesser amount but I do not like sending

cash in the mail.

Here is my question. Are there any others interested in joining the CW Operators Club out there? If we get 15 people then the 'conversion fee' is only a dollar per person. Currently the exchange rate is about 60 cents (Aus) on the dollar (US). The cost final cost will depend on the exchange rate on the day I place the order. If there is enough interest from the stateside QRP'ers then I'll coordinate the effort. Please email me privately and to keep list traffic down to a minimum.

Thanks in advance.

72, John NU0V

Date: Tue, 14 Sep 1999 23:18:31 -0500
From: "John Burnley" <burnleyia@home.com>
To: <qrp-1@lehigh.edu>
Subject: [50400] Vendor information for QRP display tables
Message-ID: <005501beff31\$5f081c40\$1b790818@c149522-a.west1.ia.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The Iowa QRP Club will have display tables at two upcoming hamfests in October and we would love to include your information. The hamfests are October 3, 1999 in West Liberty and October 31, 1999 in Des Moines. If you are interested in being a part of our display please email me privately. I'll reply with the address on where to send your information. The tables are a lot of fun and a great opportunity to spread the good word about QRP.

72, John NU0V

Date: Wed, 15 Sep 1999 00:38:36 -0400
From: Pete Burbank <plburbank@kih.net>
To: <qrp-1@Lehigh.EDU>

Subject: [50401] OT and filters
Message-ID: <3.0.32.19990915003833.007184a0@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Dear Gang,
It's painless to filter a list. You set up a filter to send all
list stuff to the trash bin and then look at it there b4 you dump it.
Or you transfer it to catagorys that you prefer...like Fox stuff
to the DEN or neat build-it stuff to the BOX or whatever you
want to call it.
73 Pete NV4V

Date: Tue, 14 Sep 1999 23:34:23 -0500
From: guillotstutoring@juno.com
To: qrp-1@Lehigh.EDU
Subject: [50402] Re: Nye-Viking Heavy Duty key
Message-ID: <19990914.233425.-942549.0.guillotstutoring@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

And what about that March key? What was the matter with the one they
used in February? Now we having the key of the month?

>
>Could you try the magnet on it for me?
>
>It sounds like an attractive idea. ;)
>
>tu & 72
>
>Dave

72, Ed Guillot, N5ED, New Orleans, LA
qrp-1#1951, qrparci#3988, ARRL(life)

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Date: Tue, 14 Sep 1999 22:46:27 -0600
From: "Dick Schneider" <dschneider2@uswest.net>
To: <prvalko@oakland.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [50403] Re: QRP-L, Let's take it back!!!
Message-ID: <022701beff35\$45d9be00\$bd9ca0d8@dnvr.uswest.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: Paul R. Valko <prvalko@oakland.edu>

>

> Are you as sick of the pro-this, anti-that, not-qrp-related-anything?

yes-it's boring

>

>

>

> WHO have YOU WORKED QRP?

ZP7FRA, J3KA, CX5BW, EA8/DL6NBR - All 5W SSB of all things

>

> WHAT QRP item have YOU BUILT?

K2 (in process)

>

> WHEN was the last time YOU TALKED someone INTO turning down the power?

091399

>

> WHERE did you operate QRP-portable?

last - in Michigan and Wisconsin

>

> WHY do you prefer a QRP lifestyle?

Life's too short for \$800 Finals

>

> HOW have YOU improved your ANTENNA FARM to improve your QRP sigs?

Just installed a Gap Titan

CU on the air...

72 Dick AB0CD..

Date: Tue, 14 Sep 1999 20:29:47 +0100
From: Larry Cahoon <wd3p@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [50404] Re: MILES PER WATT
Message-ID: <19990914.223954.4302.0.wd3p@juno.com>

>>I have been trying real hard to get over the 10,000 miles per watt.

and

>My advice? Stop trying! I didn't get the KiloMile/Watt until I wasn't
>looking for it:) Lately I've had the HW9 (or IC735) set to 20mW and

I just sat in the car at my son's soccer practice running the SST-20
mobile off of a set of AAs at about a Watt last night. I have to fine
tune that so it comes in under the 1 watt. Didn't get much but one fellow
in TX came back to let me know I was getting out. That should come in
at a bit over 1,000 miles per watt. I know I'm not suppose to send CQ but
I just can't help it, I expect them to hear me after having so much luck
with 20/20 mWatts signals from home.

73 de Larry.....WD3P in MD

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Wed, 15 Sep 1999 00:46:31 EDT
From: david varyd <davidvarydofmi@juno.com>
To: QRP-L@Lehigh.EDU
Subject: [50405] Re: Solar Cell 250ma 20 bucks plus shipping (long)
Message-ID: <19990915.004634.13934.0.davidvarydofmi@juno.com>

Hi All

I received three requests for the JPG and 5 emails, so I guess
there's some interest in this panel. So here's all my info.

First 2 corrections: (1) This sale ends Sept 30 1999
(2) The weight is 24.7 oz

Additional info on 250ma solar panel from the ad:

snip start of ad

>Designed for outdoor use. This 5 watt solar panel
>consists of 36 high output amorphous silicon
>solar cells totally encapsulated and installed in
>a white polymer frame. Produces on open circuit
>voltage of 20v and a short circuit current of
>250ma. Output is perfect for charging 12v to
>14v batteries or powering many types of 12v
>equipment directly. Has 12" long flexible wires and female
>2 conductor connector for output. Size 8 11/16" X 8 5/8".
>Brand new and supplied with a diode (to prevent discharge
>of your battery when the sun doesn't shine).
>Worth much more than our low low price.
>Sale 19.95 was 29.95
snip end of " The Electronic Goldmine" ad copy

The Electronic Goldmine

P O Box 5408
Scottsdale, AZ 85261
1-800-445-0697

It took one week from date of order to receive.

It came in a well packed postal box.

This panel had a piece of foam glued to its back that I removed.

Also there is a tab in the back corner that I easily cut off with a
hacksaw. Size 8 11/16 X 8 5/8 X 3/4" with the tab cut off.

The connector supplied with this panel was of no use to

me as it was of a type I have never seen, (I'am 50 years old and

been to many a \$wap meet). I bought two of these panels that I put

face to face and screwed together for strength and safety

when storing and transporting. These maybe a little heavy for backpacking
at 24.7oz each, but they sure are cheap.

(Being cheap is a common trait to many QRPers) Hi Hi

I was skeptical of producing 250 ma from such a small panel. But
here just north of Detroit, Michigan I was able to get 250ma (from one

panel) at high noon in bright sun light, (no haze),

This is the current while charging my 12 v 3 a hr gel cell.

Also 175ma to 210ma was easy most of the day

(~ 10am - 4pm)

(Newbies note: this only works while sun is shining)

Output is low early morning and late afternoon.

Output looks like a "bell curve" morning to evening , peak at high
noon.

With a reflector,(like a mirror, aluminum foil or mylar foil)

I got just over 300ma at mid day. BUT it got VERY HOT!

I don't think it's safe to run these with a reflector at mid day. But
for early morning and late afternoon I think a reflector would be very
helpful.

Put a reflector in front of any panel and you will be surprised!
Lay the reflector down in front of the panel. Backpackers note that mylar foil could be used with this small panel to increase it's output for very little additional weight.

I also have an 18 year old 12 X 10" marine panel that gets higher output with reflectors shining on it .
But it gets VERY VERY HOT!!!!

I think this panel is useful for QRP work. :)

An interesting note, the JPG I mentioned in my first post was made by putting the solar panel directly on my scanner and just scanning it. (I have no digital camera and no photographs of the panel).
See QRPers are cheap!

Dave NM8H

QRP, Solar and Bicycles :)

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Wed, 15 Sep 1999 01:18:13 -0400
From: Pete Burbank <plburbank@kih.net>
To: jjmcd@tm.net
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [50406] Re: QRP-L, Let's take it back!!!
Message-ID: <3.0.32.19990915011810.00757e94@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 07:26 PM 9/14/99 -0400, John J. McDonough wrote:
I'd also like to get a full tablespoon out, so I was thinking of replacing
>the finals with 2N3053's. I figger three of them should be sleeping to do 5
>watts.

>
>So whatcha all think?
>
>72/73 de WB8RCR <http://www.qsl.net/wb8rcr/>
>didileydadidah QRP-L #1446 Code Warriors #35

The 2N3053 is one of my favorites and very well behaved. There was also the same chip in a small tab mount package called a 40392...also RCA...good for a couple more watts.

73 Pete NV4V vvvvvvvvv

Date: Tue, 14 Sep 1999 23:35:50 -0600
From: Jeff Francis <jfrancis@frii.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [50407] Re: Solar Cell 250ma 20 bucks plus shipping (long)
Message-ID: <19990914233550.A8127@geek.noducks.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I've been looking into solar (and wind, and water, and...) very heavily recently, and have been doing a lot of research. In case anybody is interested in some of the bigger stuff, the following page is useful:

http://www.windsun.com/PV_Stuff/pv_pricing.htm

While these guys may or may not have the best price on any given panel, they do have the handiest price list I've found for comparing apples to apples, and they link to the appropriate web pages for more info on each panel. This is the "Big Stuff", though, much more than needed for just a QRP rig. They've got panels all they way up to 7amps at 17vdc for over \$600. If you really want to be impressed, I found another company with monster panels (51x75 inches) that put out 17.1amps at 17.5vdc (peak) for about \$1900. It's fun to drool over the toys...

On Wed, Sep 15, 1999 at 12:46:31AM -0400, david varyd wrote:

> Hi All
> I received three requests for the JPG and 5 emails, so I guess
> there's some interest in this panel. So here's all my info.
>
> First 2 corrections: (1) This sale ends Sept 30 1999
> (2) The weight is 24.7 oz
>
> Additional info on 250ma solar panel from the ad:
>
> *snip* start of ad
>
> >Designed for outdoor use. This 5 watt solar panel
> >consists of 36 high output amorphous silicon
> >solar cells totally encapsulated and installed in
> >a white polymer frame. Produces on open circuit
> >voltage of 20v and a short circuit current of
> >250ma. Output is perfect for charging 12v to

> >14v batteries or powering many types of 12v
 > >equipment directly. Has 12" long flexible wires and female
 > >2 conductor connector for output. Size 8 11/16" X 8 5/8".
 > >Brand new and supplied with a diode (to prevent discharge
 > >of your battery when the sun doesn't shine).
 > >Worth much more than our low low price.
 > >Sale 19.95 was 29.95
 > *snip* end of " The Electronic Goldmine" ad copy
 >
 > The Electronic Goldmine
 > P O Box 5408
 > Scottsdale, AZ 85261
 > 1-800-445-0697
 >
 > It took one week from date of order to receive.
 > It came in a well packed postal box.
 > This panel had a piece of foam glued to its back that I removed.
 > Also there is a tab in the back corner that I easily cut off with a
 > hacksaw. Size 8 11/16 X 8 5/8 X 3/4" with the tab cut off.
 > The connector supplied with this panel was of no use to
 > me as it was of a type I have never seen, (I'am 50 years old and
 > been to many a \$wap meet). I bought two of these panels that I put
 > face to face and screwed together for strength and safety
 > when storing and transporting. These maybe a little heavy for backpacking
 > at 24.7oz each, but they sure are cheap.
 > (Being cheap is a common trait to many QRPers) Hi Hi
 >
 > I was skeptical of producing 250 ma from such a small panel. But
 > here just north of Detroit, Michigan I was able to get 250ma (from one
 > panel) at high noon in bright sun light, (no haze),
 > This is the current while charging my 12 v 3 a hr gel cell.
 > Also 175ma to 210ma was easy most of the day
 > (~ 10am - 4pm)
 > (Newbies note: this only works while sun is shinning)
 > Output is low early morning and late afternoon.
 > Output looks like a "bell curve" morning to evening , peak at high
 > noon.
 > With a reflector,(like a mirror, aluminum foil or mylar foil)
 > I got just over 300ma at mid day. BUT it got VERY HOT!
 > I don't think it's safe to run these with a reflector at mid day. But
 > for early morning and late afternoon I think a reflector would be very
 > helpful.
 > Put a reflector in front of any panel and you will be surprised!
 > Lay the reflector down in front of the panel. Backpackers note that
 > mylar foil could be used with this small panel to increase it's out put
 > for very little additional weight.
 >
 > I also have an 18 year old 12 X 10" marine panel that gets higher output

> with reflectors shining on it .
> But it gets VERY VERY HOT!!!!
>
> I think this panel is useful for QRP work. :)
>
> An interesting note, the JPG I mentioned in my first post was made
> by putting the solar panel directly on my scanner and just scanning it.
> (I have no digital camera and no photographs of the panel).
> See QRPers are cheap!
>
>
> QRP, Solar and Bicycles :)

Dave NM8H

> -----
> Get the Internet just the way you want it.
> Free software, free e-mail, and free Internet access for a month!
> Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

--

Jeff Francis - KC0BWS		Ack!
Level Three Communications		____/
Denver, CO USA DM79nr	You cannot strengthen the	\ o.0
	weak by weakening the	=()=
39d43m16.4s N 104d52m10.7s W	strong.	U
jfrancis@frii.com jeff@l3.net	--Unknown	
http://www.frii.com/~jfrancis		PRR...

Date: Tue, 14 Sep 1999 22:52:44 -0700 (PDT)
From: "Jack Oakland, CA" <w6abc@yahoo.com>
To: qrp-l@Lehigh.EDU
Subject: [50408] DK9SQ and Mast Comments wanted
Message-ID: <19990915055244.7512.rocketmail@send205.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi, I know there has been a question/comment or 2
about this Loop antenna system here on the reflector.
I am thinking of ordering this combination and
wondered what anyone who had any experience with it
could comment. Also, any comparisons with other good
portable systems would be appreciated. I'm looking
for the best multi-band easy carry portable I can
find.

Thanks,
Jack W6ABC

Do You Yahoo!?
Bid and sell for free at <http://auctions.yahoo.com>

Date: Tue, 14 Sep 1999 23:26:02 -0700
From: Russ Dow <n7dw@garlic.com>
To: fraysier@mounet.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [50409] Re: QRP-L, Let's take it back!!!
Message-ID: <37DF3BFA.9153A871@garlic.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hang in there, Larry. I've been tempted to take a hike too. It gets a bit silly from time to time, but there's too much good info on this list to walk away from it.

73,
Russ N7DW

Larry N. Fraysier wrote:

> How do I unsubscribe to this list?
>
> Thanks,
> Larry - N4HIT

Date: Wed, 15 Sep 1999 00:12:46 PDT
From: "Leon Heller" <leon_heller@hotmail.com>
To: dlh1009@ritvax.isc.rit.edu, qrp-l@Lehigh.EDU
Subject: [50410] Re: where to buy DDS chips?
Message-ID: <19990915071247.32029.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>From: David Hinerman <dlh1009@ritvax.isc.rit.edu>
>Reply-To: dlh1009@ritvax.isc.rit.edu
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: where to buy DDS chips?
>Date: Tue, 14 Sep 1999 11:04:18 -0400

>

>Folks,

>

>I see a number of projects these days using the Analog Devices DDS chips
>(9832, 985x, etc). Where do you get them in small quantities?

Here in the UK I get mine from my local ADI distributor. They accept small orders without any problems. Farnell stocks the 9832 (I think).

There seems to be a shortage of AD9850s at present, probably because of all those DDS circuits that have been published over the last year or two.

73, Leon

Leon Heller, G1HSM

Tel (work): +44 1327 357824

Tel (mobile): +44 79 9098 1221

Email:leon_heller@hotmail.com

Web page: <http://www.geocities.com/SiliconValley/Code/1835>

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Wed, 15 Sep 1999 05:53:55 -0400

From: "dor" <elbc@pivot.net>

To: <K2UD@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [50411] Re: Arura!

Message-ID: <004501beff60\$3a714e40\$1411a1d0@mine1>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

----- Original Message -----

From: <K2UD@aol.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Tuesday, September 14, 1999 5:13 PM
Subject: Re: Arura!

> Arnie, C02KK mentioned Aurora too. I couldn't even get the A index from
WWV,
> because I COULDN'T HEAR WWV! How bad can it get?
>
> I did hear a couple of QRPers around 7040, one QRO station, and that was
> about it.
>
> Has anyone listened on their "natural radio?" I understand it gets
> interesting around Aurora time. I was going to "Manhattan" one together
> recently, and should have. I think it would have made for some
interesting
> listening.
>
> Pray for improved conditions. Otherwise, it could be QRP A-flounder.
>
> 72
>
> Howard Kraus, K2UD
>

Solar-terrestrial indices for 14 September follow.
Solar flux 156 and Boulder A-index 22.
The Boulder K-index at 0900 UT on 15 September was 5 (80 nT).

Date: Wed, 15 Sep 1999 07:18:25 -0400
From: "Perley Urquhart" <n1yuk@nemain.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [50412] Wtd.
Message-ID: <008001beff6c\$07e8ca00\$404488d0@urquhart>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Looking for a Century 21 (or a C22). Have a Heathkit HW101 to trade! Also
looking for an HD1410 keyer/paddles, with power cord and manual!! Perley,
N1YUK

Date: Wed, 15 Sep 1999 12:08:36 +0100
From: Hans =?iso-8859-1?Q?=D6stnell?= <Hans.Ostnell@itn.vxu.se>
To: qrp-1@Lehigh.EDU
Subject: [50413] looking for a QRP-rig...
Message-ID: <3.0.6.32.19990915120836.0098d180@epost.vxu.se>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Hi!

I=B4m looking for a QRP-rig to have fun with. Anyone got an Argonaut, Argosy=
,
Heath HW-9 or similar
for sale??

72=B4s de Hans/SM7TUG

Date: Wed, 15 Sep 1999 07:18:06 -0400
From: mikemo@ibm.net
To: czito@execpc.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [50414] Re: QRP station is finally coming together
Message-ID: <37DF806E.88C25A73@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Cory,
Go to sears and buy a "step drill". It is a funny looking multi-level
drill for large holes in sheet metal. It fits a normal drill.
Regards,
Mike M. ku4qo

Cory Zito wrote:
> My only problem was
> finding somebody with a 1/2chuck so I could drill the antenna connector holes.

Date: Wed, 15 Sep 1999 07:17:48 -0500 (CDT)
From: "Adam B. Kanis" <akanis@divis17.ped-gen.uiowa.edu>
To: qrp-1@lehigh.edu
Cc: kd7s@psnw.com
Subject: [50415] Re: Solar Cell 250ma 20 bucks plus shipping

Message-ID: <Pine.LNX.4.04.9909150710230.12787-1000000@divis17.ped-gen.uiowa.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

hi bill et al.

> However, I am a tiny bit skeptical about
> them being capable of producing 250 ma from an
> 9 x 9 (almost) panel.

The mentioned panels from Electronic Goldmine really do put out 250mA under BRIGHT direct sun. I bought one at the earlier \$29 price, have it mated with a Micro M+ controller from Sunlight Energy Systems (<http://www.seslogic.com>) and saw 250 mA output into a partially charged 2 AH gel-cell. Nice panel (and nice controller), I might pick up another at the \$20 price.

--adam, ak0p
adam-kanis@uiowa.edu

Date: Wed, 15 Sep 1999 07:38:18 -0500
From: Karl.Kanalz@optelinc.com
To: SFIKE@twa.com
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [50416] Re: soldering iron part 2
Message-ID: <862567ED.0045F2DD.00@hdqsmtp01.optelinc.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

No, Scott, a 45-watt iron is NOT too much "power" for soldering PC boards or components!

The "power rating" (in this case, 45 watts) is a measure of how many calories of HEAT the iron CAN deliver to the point of soldering if necessary.

The important thing is tip temperature and how well the soldering iron can MAINTAIN that temperature over the time required to "make the joint".

Lightweight soldering irons (say, 25 or 30 watts) can have a 'guaranteed' tip temperature, but as soon as you put that soldering tip to the joint for

a soldering task, it (almost) immediately DROPS in temperature, which results in (possibly) a poorly-soldered joint.

A higher-power iron, such as a Weller TCP, keeps on pumping heat to the junction to help ensure a better-soldered joint.

Go for that Weller! I guarantee you won't be unhappy!

Karl K - W8TIF
McKinney, Texas
("Wellerized" since 1968 !)

SFIKE@twa.com on 09/14/99 05:10:50 PM

Please respond to SFIKE@twa.com

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
cc: (bcc: Karl Kanalz/hdq/Optel)

Subject: soldering iron part 2

I checked out the Weller military soldering set on Fair Radios web page last night and I have to admit, it definitely looks nice! Actually, it might be a little too nice for the average kit builder?! With a 45 watt rating on it, it may have too much power for the QRP kit builder? Does anyone know if a soldering iron with that much power is okay to use for QRP kit building or should I stick with one in the 15-25 watt range as per popular consensus? What say ye all?
Thanks too all who respond.
72/3
Scott

Date: Wed, 15 Sep 1999 07:40:00 -0500
From: "Pat Cain, K0PC" <pcain@netscape.net>
To: w6abc@yahoo.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [50417] Re: DK9SQ and Mast Comments wanted
Message-ID: <4.2.0.58.19990915072943.00a53ee0@popd.ix.netcom.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"; format=flowed
Content-Transfer-Encoding: quoted-printable

Jack,
I got the antenna and mast at Dayton this year. I've used it a few times=20
set up portable on my deck and it works great. I'm going to use it in the=20
QRP Afield contest this weekend from an area park.

The mast is great. It is very light and goes up quickly. Tie it off about=20
four feet above the ground and it is very stable. It certainly could be=20
used to support a lot of different types of antennas.

I was a little apprehensive about the price of the antenna and I'm sure I=20
could have made one myself for much less. However, the spreading arms=20
holding the loop are nice. If I had made the antenna I would have just used=
=20
guying leads to hold the loop in shape. In retrospect I'm glad I got the=20
whole thing, it makes a nice portable package. Everything (except the=20
center support/Balun) fits into the bag you get with the mast. I even got=20
about 40 feet of coax in there.

I have used it on 40M- 10M using the LDG QRP tuner. I haven't tried it on=20
80M but the instructions say it can work if you use only the center=20
conductor of the coax.

73,
Pat K=D8PC

At 10:52 PM 9/14/99 -0700, Jack Oakland, CA wrote:

>Hi, I know there has been a question/comment or 2
>about this Loop antenna system here on the reflector.
>I am thinking of ordering this combination and
>wondered what anyone who had any experience with it
>could comment. Also, any companisons with other good
>portable systems would be appreciated. I'm looking
>for the best multi-band easy carry portable I can
>find.
>Thanks,
>Jack W6ABC
>-----

>Do You Yahoo!?
>Bid and sell for free at <http://auctions.yahoo.com>

Date: Wed, 15 Sep 1999 05:43:01 -0700
From: Phil Wheeler <w7ox@mindspring.com>
To: QRP List <qrp-l@lehigh.edu>
Subject: [50418] DK9SQ Tower and Loop
Message-ID: <37DF9455.46E0FA54@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Someone asked a question re this combo, but I accidentally deleted the message before I replied.

I have both, but have not had time to set them up. Reports are that setting up is an easy process. Definitely looks more fussy to put up than using a dipole or random wire. But the results are likely to be noticeably better. I'd say it's reasonably portable; but not something I'd take on a plane trip, unless it was a *radio focused* trip (I won't be taking it to Europe with me).

Below are some messages from w9zm which I have archived.

HI Phil,
Here are the links. I got purchased through Walter in OH. He shipped Oh to Ca in 2 or 3 days.. Total price for the tower and loop was 197 inc. shipping.

73
Duane

<http://www.qsl.net/dk9sq/antennas.htm>

<http://members.xoom.com/oe9pti/>

I like the way they are engineered. I think he put a lot of thought in the design. I have not used the loop a lot. I'm keeping it as a portable setup. I put it up at home when I have time in the evenings. My xyl isn't crazy about the radio in general so I make the best of it and don't try to push things. I had one problem with the mast. I used

rg8 coax and its a bit heavy causing the mast to slam down. It caused a slight crack in the end of one of the sections but should be easy to fix with some fiber glass repair stuff. Even glue and tape would work. Just keep that in mind. When you get it up in the air don't pull too hard on any guy lines. Also I use a length of RG58 or RG8 mini for the feed up the mast. I also secure it to the mast with a bicycle toe strap. I have been so busy the past week & not much time for hamming so on air with the loop has been minimal. I gave it a shot on Friday and worked a ly1 and a sk4 with 100 watts.

Give this a thought.. I made a ground plane out of speaker wire. Four 16.5 foot lengths. One radiator and 3 radials. I fed it with 300 ohm twin lead & used a tuner. Put the feed point at 10ft and worked dx like crazy. I can put that rig up at work during lunch and it wouldn't attract too much attention.

Let me know how it works out for you. I'd really like to take a trip to a nice hill and set up the loop around dusk and have at it.

I believe both products are also available from Kanga.

Hope this helps,

73 .. Phil

Date: Wed, 15 Sep 1999 05:54:58 -0700
From: Phil Wheeler <w7ox@mindspring.com>
To: SFIKE@twa.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [50419] Re: soldering iron part 2
Message-ID: <37DF9722.6A0BFAF1@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The Weller soldering station I have (I think I have the same one sold at Fair Radio), the WTCPT, is very nice. It controls the tip temperature (one of the parameters of the tip you select) but has plenty of heat capacity (I've soldered to ground planes on boards easily). It also heats up very quickly, so you don't have to leave it on all the time to have it ready to go quickly.

I bought mine to build my K2 (Elecraft recommended tool), and have found it much easy to make clean, well-flowed connections.

Until now I've been concerned about burning up parts (and have done a few times). Much better results with the soldering station.

Phil

Karl.Kanalz@optelinc.com wrote:

>
> No, Scott, a 45-watt iron is NOT too much "power" for soldering
> PC boards or components!
>
> The "power rating" (in this case, 45 watts) is a measure of how
> many calories of HEAT the iron CAN deliver to the point of soldering
> if necessary.
>
> The important thing is tip temperature and how well the soldering iron
> can MAINTAIN that temperature over the time required to "make the
> joint".
>
> Lightweight soldering irons (say, 25 or 30 watts) can have a 'guaranteed'
> tip temperature, but as soon as you put that soldering tip to the joint for
> a soldering task, it (almost) immediately DROPS in temperature, which
> results in (possibly) a poorly-soldered joint.
>
> A higher-power iron, such as a Weller TCP, keeps on pumping heat to
> the junction to help ensure a better-soldered joint.
>
> Go for that Weller! I guarantee you won't be unhappy!
>
> Karl K - W8TIF
> McKinney, Texas
> ("Wellerized" since 1968 !)
>
> SFIKE@twa.com on 09/14/99 05:10:50 PM
>
> Please respond to SFIKE@twa.com
>
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> cc: (bcc: Karl Kanalz/hdq/Optel)
>
> Subject: soldering iron part 2
>
> I checked out the Weller military soldering set on Fair Radios web page
> last
> night and I have to admit, it definitely looks nice! Actually, it might be
> a little too nice for the average kit builder?! With a 45 watt rating on
> it,
> it may have too much power for the QRP kit builder? Does anyone know if a

> soldering iron with that much power is okay to use for QRP kit building or
> should I stick with one in the 15-25 watt range as per popular consensus?
> What say ye all?
> Thanks too all who respond.
> 72/3
> Scott

Date: Wed, 15 Sep 1999 06:12:52 PDT
From: "joseph trombino" <joetrom@excite.com>
To: qrp-l@lehigh.EDU
Subject: [50420] Re: 5B4/W2KJ Activity Report from Cyprus
Message-ID: <937401172.14125.475@excite.com>
MIME-Version: 1.0
Content-Type: text/plain

Hello fellow QRP'ers. Have been on the air from Nicosia, Cyprus for the past couple of weeks with mixed results. I have made 111 QSO's with 20 of those being two-way QRP with the DSW-20 and dipole out of the hotel window.

These QSO's have, for the most part, been with European stations. I have not, to date, heard any US QRP'ers hanging around 14.060. Guess my low altitude dipole is doing some NVIS stuff:-)

I almost made my first Stateside QSO with QRP DX'er of world reknown, Bob, N4BP. Bob stayed with me for several minutes with repeats trying to dig my call out of the QRM...he was able to copy 5B4/W2 but couldn't manage to squeak out the "KJ" to complete my callsign. Sorry for tiring your ears out Bob, but sure appreciated your sticking with me in trying to complete the exchange. Bob was pounding into Nicosia with 59 plus sigs...guess conditions just weren't quite right.

Will be operating from Cyprus until the end of September when I will return to CONUS. Will be looking for U.S. QRP'ers, as well as International QRP'ers, on 14.060 plus/minus QRM. Code speed is not a problem...I will adjust to any code speed directed to me....except of course from Chuck, K7QO of CP-60 fame:-)

So if anyone hears me, please give me a shout.....I just gotta work some of the QRP-L Stateside ops before leaving here!!:-)

Any comments/suggestions on what the best time(s) Zulu to work Stateside are appreciated.

Regards from sunny Cyprus,

Joe 5B4/W2KJ

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>

> -----
> Get FREE voicemail, fax and email at <http://voicemail.excite.com>
> Talk online at <http://voicechat.excite.com>

Get FREE voicemail, fax and email at <http://voicemail.excite.com>
Talk online at <http://voicechat.excite.com>

Date: Wed, 15 Sep 1999 06:25:38 -0700
From: Phil Wheeler <w7ox@mindspring.com>
To: joetrom@excite.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [50421] Re: 5B4/W2KJ Activity Report from Cyprus
Message-ID: <37DF9E52.35EBF063@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

joseph trombino wrote:

>
> Hello fellow QRP'ers. Have been on the air from Nicosia, Cyprus for the
> past couple of weeks with mixed results. I have made 111 QSO's with 20
> of those being two-way QRP with the DSW-20 and dipole out of the hotel
> window.
>
> These QSO's have, for the most part, been with European stations.
> I have not, to date, heard any US QRP'ers hanging around 14.060. Guess my

> low altitude dipole is doing some NVIS stuff:-)
>

Joe, thanks for the report. I'll be in Paris in early October and hope to use my DSW-20 (with ZM-2 I'm building and AA batteries) a bit; not sure of feasibility, since antenna situation (re hotel) is unknown at this time.

Sounds like we will miss each other by a few days re Paris-Cyprus QSO.

I'd be interested in knowing the sort of range you are getting; seems like from Paris I will skip over a good bit of Europe on 20 m!

I operated casually in Germany while working there in 1977, with an HW-8. Lots of European contacts, and even one across the Urals; but I could never get across the Atlantic. But my antenna was not well-oriented for that purpose.

73, Phil W7)X

Date: Wed, 15 Sep 1999 08:01:20 -0600
From: bcutter@teal.csn.net (Bob Cutter)
To: qrp-1@LEHIGH.EDU
Subject: [50422] Antenna stand-offs
Message-ID: <199909151401.IAA02491@mailrelay4.sni.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I want to install a loop around the perimeter of my home, at the roof line.

Has anyone seen any sort of stand-off? I would prefer plastic or ceramic or something other than the old TV stand-offs.

72, Bob KI0G

Date: Wed, 15 Sep 1999 09:21:42 -0500
From: Karl.Kanalz@optelinc.com
To: bcutter@teal.csn.net
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [50423] Antenna stand-offs
Message-ID: <862567ED.004F6A19.00@hdqsmtp01.optelinc.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii

Content-Disposition: inline

Actually, Bob, "... the old TV stand-offs..." generally used plastic as the insulator (though 'way back when I saw some with ceramic), and they work quite well as standoffs for stringing your loop around your home perimeter!

With their screw-in capability, you can easily install them in your fascia board(s) with minimal fuss and insert the wire(s) of your loop to get it "up" in short order.

You may have to shop around a bit, but the "best" of those standoff insulators have a round "eye" at the end, with a rotatable (brown) plastic insert that allows you to slip in the wire, rotate the insulator to keep the wire in place, and go on about your business.

I guess there are some later versions that have a rectangular (or square?) brown plastic insulator that are designed to be hammered into place, but I don't believe they will be as suitable for your needs.

Karl K - W8TIF
McKinney, Texas

bcutter@teal.csn.net (Bob Cutter) on 09/15/99 09:01:20 AM

Please respond to bcutter@teal.csn.net

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
cc: (bcc: Karl Kanalz/hdq/Optel)

Subject: Antenna stand-offs

I want to install a loop around the perimeter of my home, at the roof line.

Has anyone seen any sort of stand-off? I would prefer plastic or ceramic
or
something other than the old TV stand-offs.

72, Bob KI0G

Date: Wed, 15 Sep 1999 08:29:50 -0600
From: Bruce Kizerian <kizerian@ced.utah.edu>
To: qrp-1@Lehigh.EDU
Subject: [50424] Ferrite Rod Inductors
Message-ID: <37DFAD5E.EB01A064@ced.utah.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Does anyone know of a good source for information on winding ferrite rod inductor?. I am especially interested in ways to minimize stray capacitance (capacity caused by interection between adjacent turns?).

Thanks in advance,

Bruce kk7zz

P.S. This is QRP related.

Date: Wed, 15 Sep 1999 10:41:23 -0400
From: "Richard Brummer, K2REB" <obvious@bestweb.net>
To: <qrp-1@Lehigh.EDU>
Subject: [50425] Re: Antenna stand-offs
Message-ID: <000c01beff88\$63010940\$4306b3d8@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Bob,

I recently re-installed a wire antenna which had come down during a storm. I used insulators which I'm quite sure were purchased from Radio Shack (late '80's). They are round, made of plastic, about 6 to 8 inches in length,

with one hole through each end.

This might be what you are looking for. I haven't been able to get them at my local R/S, but I've seen them at hamfests.

73,
Dick K2REB

Date: Wed, 15 Sep 1999 10:37:58 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <kizerian@ced.utah.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [50426] Re: Ferrite Rod Inductors
Message-ID: <002d01beff87\$ed8a8a60\$9001a8c0@mikey.wn.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Doesn't Amidon Associates have a book on this? I haven't gotten any of there stuff in a few years, but they used to have some good 'how to' docs. I remember seeing stuff on toriods, but I don't know about straight rods. Probably be cross applicable though.

Mike Yetsko
N1DVJ

>Does anyone know of a good source for information on winding
>ferrite rod inductor?. I am especially interested in ways to
>minimize stray capacitance (capacity caused by interection
>between adjacent turns?).
>
>Bruce kk7zz

Date: Wed, 15 Sep 1999 09:40:38 -0500
From: "Joel Kluender, NF9K" <nf9k@eudoramail.com>
To: qrp-1@lehigh.edu
Subject: [50427] NF9K QRP Afield Plans
Message-ID: <BABKJNFCLEGBAAAA@shared1-mail.whowhere.com>
Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hey all,

I have negotiated the rights to avoid parental responsibilities (3-1/2 year old boy & 15 month old girl) this weekend and so it's official - I will be running QRP Afield!

PLAN 1:

If the weather looks good (I have no tent), and I can assure myself that the battery system I have will hold for the duration of the event, I will be operating from Tower Hill Park in Minnetonka, MN. I will use my OHR-400 and a fishing-pole vertical on 20 meters. There are NO trees in this park. It is the highest point in Hennepin County, and is a grassy area on top of a buried water tower.

PLAN 2:

If plan 1 looks like it will fail for any reason, head to a park in Lakeville, MN where I have operated before and set up there from the parking lot or a park bench. I could use my car battery as a power source at this location if I end up losing confidence in my gel-cell. I'm running a discharge experiment as I write this to determine if I have enough juice - initial results say yes.

I may set the rig to 900 mW to qualify for the higher points. So crack out those headphones and q-multipliers and listen for me!

See ya in the hunt,

Joel NF9K

Joel Kluender, NF9K
870 Prairie Street S.
Shakopee, MN 55379

Great is the Lord, and worthy of praise!

Join 18 million Eudora users by signing up for a free Eudora Web-Mail account at <http://www.eudoramail.com>

Date: Wed, 15 Sep 1999 07:40:04 -0700
From: Bruce Grubbs <bog@flagstaff.az.us>
To: w6abc@yahoo.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [50428] Re: DK9SQ and Mast Comments wanted

Message-ID: <3.0.5.32.19990915074004.009b3700@mail.infomagic.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Jack,
I bought just the DK9SQ mast. For BUBBA we used the mast to support a 40m delta loop, which seemed to work out fine. For a more portable setup I made up a 40m vertical using 33 ft of #26 teflon wire for the radiator, and 8 radials- 4 eight feet long, and 4 that are 16 ft long. I'm feeding it with twin lead and using a zm2 tuner to match it. It tunes very nicely on all bands 40-10, and seems to hear as well or better than my roof mounted trap vertical. (I had the DK9SQ vertical ground mounted in a yard with a 6' chain link fence while testing it.)

Everything except the twin lead and the tuner fit in the cardboard shipping tube.

72

Bruce N7CEE

Date: Wed, 15 Sep 1999 07:48:01 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: Bruce Kizerian <kizerian@ced.utah.edu>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [50429] Re: Ferrite Rod Inductors
Message-ID: <Pine.BSI.3.96.990915074638.6253D-1000000@usr04.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Bruce,
Look through the technical bibliographies on my web page in the categories of ferrites, inductors, and loop antennas at:

<http://www.primenet.com/~ctrask>

You should find something there. If not, let me know as I have a number of papers similar to that which I have not yet listed.

Chris

On Wed, 15 Sep 1999, Bruce Kizerian wrote:

> Does anyone know of a good source for information on winding

> ferrite rod inductor?. I am especially interested in ways to
 > minimize stray capacitance (capacity caused by interection
 > between adjacent turns?).
 >
 > Thanks in advance,
 >
 > Bruce kk7zz
 >
 > P.S. This is QRP related.
 >

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     /  What's all this  \
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Circuit Design for the
RF Impaired

Chris Trask / N7ZWY
Principal Engineer
ATG Design Services
P.O. Box 25240
Tempe, Arizona 85285-5240

Technical Editor,
QRP Quarterly
QRP ARCI 9464

Email: ctrask@primenet.com
<http://www.primenet.com/~ctrask>

Graphics by Loek Frederiks

 Date: Wed, 15 Sep 1999 10:55:20 -0000
 From: "David Benson" <nn1g@earthlink.net>
 To: <qrp-l@lehigh.edu>
 Subject: [50430] QRP Afield: Reporting
 Message-ID: <003901beff68\$ed798b80\$8996173f@pavilion>
 MIME-Version: 1.0
 Content-Type: text/plain;
 charset="iso-8859-1"
 Content-Transfer-Encoding: 7bit

gang-

I realize it's early, but I thought I'd turn over a new leaf and post 'QRP

Afield' reporting guidelines before you need them*. Let's try to keep this as simple as possible- I'll need the following information to roll up results:

- name
- callsign
- category (home/portable)
- number of QSOs
- claimed score
- location.

If you're /P (outdoors overnight and operating Sunday AM) -or multiop- I need to know that so I can reflect it in the summary.

I will be summarizing submittals by entry category and ranking by claimed score. I don't need summaries by band or lists of stations worked, although that's certainly useful information- we just won't have room to print it, and I'm not going to be playing contest-cop by poring over the logs. Station information is fine, but it won't appear in the QRP-L scoring summaries.

And the best part- let's see some great soapbox! This weekend's doings will generate lots of adventure stories, and we enjoy hearing how you made out. We can probably look forward to tales of rattlesnakes, weather of all extremes, and battles won (or lost) with uncooperative antenna supports. In the interest of conserving bandwidth, I won't be including soapbox in the QRP-L scoring summaries- feel free to share your adventures directly through this reflector.

Reporting deadline:

Let's make it about 30 days after the event- by Monday, October 18th. All I need is the basic summary info e-mailed to me. If you want to send hardcopy, it's to me at 80 E. Robbins Ave., Newington CT 06111.

I'll publish the accumulated submittals several times on QRP-L. The first time will be a couple days after the event- quite a few entries show up right away. There may be an interim report a week or so later and the final one right after the deadline. Pictures/.jpg images and soapbox are most welcome-- those will be published, space permitting, in the QRP journals.

73- Dave Benson, NN1G

* scores submitted in advance by prognostication will be disqualified. :-)

Date: Wed, 15 Sep 1999 11:06:51 EDT
From: N10DL@aol.com
To: qrp-1@lehigh.edu
Subject: [50431] RE: DK9SQ mast
Message-ID: <33788650.2511100b@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Can anyone direct me to a webpage so I may find out more about this mast, I am wondering if it would be good for my hiking trips in the White Mt's.
Aron
Bedford, NH N10DL

Date: Wed, 15 Sep 1999 11:19:16 -0400
From: Jake Brodsky <frussle@erols.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [50432] Re: Ferrite Rod Inductors
Message-ID: <v7ffN7k1wKdV+3rrp0RHqEie+lzi@4ax.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

On Wed, 15 Sep 1999 08:29:50 -0600, you wrote:

>Does anyone know of a good source for information on winding
>ferrite rod inductor?. I am especially interested in ways to
>minimize stray capacitance (capacity caused by interection
>between adjacent turns?).

According to my Amidon reference this is not as easy as, say, a toroid. Apparently winding technique and coil position has a lot to do with how much inductance and Q you'll get from a ferrite rod coil.

Beware of "simple" answers here...

Jake Brodsky, <mailto:frussle@erols.com>
"Nearly fifty percent of all graduates came from=20
the bottom half of the class."

Date: Wed, 15 Sep 1999 08:30:09 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-1@lehigh.edu>
Subject: [50433] Change in Plans for Tuna Tin 2/MRX Receiver Building at Pacificon
Message-ID: <01beff8f\$31f37e80\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guys, we have had a change in plans. I was thinking the other night about our proposed building event at Pacificon and I remembered the first one that we had at Dayton several years ago. One thing that I learned at Dayton, was that people came to events like that to visit and see other qrpers, not to build, which you can do much easier at home. Yet here I was making the same mistake again. It is going to take a couple of hours to build the two kits, and everyone will have to lug all of those tools to Pacificon. Not a good idea. So, here is the proposal.

I am going to offer the following deal. If you will agree to build the Tuna Tin 2 and MRX receiver kits and bring them to Pacificon for the "special Friday night Fox Hunt", NorCal will give you the kits. All that you have to do is this: Send me an email with the following title: NorCal Tuna Tin 2 Offer in the subject line. Say that you are willing to build the kits and bring them to Pacificon. When I confirm that you are on the list, you send me \$4 for shipping and a self addressed mailing label. Don't send anything in the mail until I confirm that you are on the list. I'll send you a priority mail box in about 10 days with the kits, which include all parts ((, boards, and even a 1" x 3" x 2" case made from .050 aluminum that is predrilled for the MRX receiver (had to use that new brake/shear combo tool from Harbor Freight). You'll build the two kits and bring them to Pacificon. Friday night at the open house, Mike Gipe will have a K2 set up to be the Fox, you will use your Tuna Tin 2 and MRX receiver combo to try and work him. Your antenna will be a dummy load with a 6 foot wire attached to the hot side of the 4 - 200 ohm 1/4 watt resistors. You will have to provide your own hook up wire, solder, and either a tuna can or a cat food can for the chassis of the TT2. It should be a lot of fun. We have 50 kits available, and since it was previously announced in QRPP that the kits would be given out Friday, I will hold 5 kits for that purpose. So, we have 45 kits to be given away over QRP-L. Send those emails on the way.

And, just in case you haven't heard, Pacificon is Oct. 15, 16, and 17 at the Sheraton Hotel in Concord, CA. Featured speakers for Saturday's Qrp Forums include: Mike Gipe, Paul Harden, Jim Duffey, Jim Kortge, Joe Everhart and all the way from Folkestone, England, Dick Pascoe!! See you there.

72, Doug

Date: Wed, 15 Sep 1999 11:38:47 EDT
From: ARDUJENSKI@aol.com
To: qrp-1@lehigh.edu
Subject: [50434] BATTERY RATING QUESTION
Message-ID: <d3b2eff6.25111787@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

At the WHITROOK site (<http://electronicsusa.com/batteryinfo.html>) there is info for Alkaline and NiCd batteries on ratings. For example a D-cell is rated for 14,000 mAh. Am I correct in assuming that if I series 8 of these I will have a 12V 14 Ah power source? Alan KB7MBI

Date: Wed, 15 Sep 1999 09:43:41 -0600
From: Brad Mugleston <bmug@gwl.com>
To: "'qrp-1'" <qrp-1@lehigh.edu>
Subject: [50435] To Harry Hurst FW: Quick non Radio Request
Message-ID: <01BEFF5E.D0508860.bmug@gwl.com>

I tried to reply to Harry but it bounced.

Brad

-----Original Message-----
From: Brad Mugleston [SMTP:bmug@gwl.com]
Sent: Wednesday, September 15, 1999 9:31 AM
To: 'hhurst@delaware.infi.net'
Subject: Quick non Radio Request

I looked at that last night and they are different (both are PnP so the machine is suppose to take care of that but it doesn't hurt checking). The modem was working fine, even with the network card in it UNTIL I got the two machines talking to each other then the phone went off hook.

I was thinking this AM in the shower (about the only time I get to think) and remembered when I installed the modem there was a setup disk. I'm going to give that a shot tonight. Keep your fingers crossed.

Brad

-----Original Message-----

From: Harry Hurst [SMTP:hhurst@delaware.infi.net]
Sent: Wednesday, September 15, 1999 6:13 AM
To: bmug@gwl.com
Subject: RE: Quick non Radio Request

Hi again Brad!

Find out what interrupts and address space the modem and network card use.
Of course, the fastest way to troubleshoot the problem is to pull the
network card and see the modem trouble goes away.

Let me know.

72 de WA3PTG

Date: Wed, 15 Sep 1999 11:50:12 EDT
From: ARDUJENSKI@aol.com
To: qrp-1@lehigh.edu
Subject: [50436] ALTOIDS LATCH TIP
Message-ID: <cc9d54f7.25111a34@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

One of the problems with the Altoids I had was keeping the lid latched
closed. I made some large rubberbands out of bicycle innertubes. Cut the
innertube in one-inch wide bands.

I have made some SURVIVAL KITS and FIRSTAID KITS that fit into those tins.
Both of which are good for those trail expeditions.

Alan KB7MBI

Date: Wed, 15 Sep 1999 11:06:23 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: ARDUJENSKI@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [50437] Re: BATTERY RATING QUESTION

Message-ID: <37DFC3FF.699B8639@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

If all eight cells are identical and they each contribute the same output, yes. But, unlike NiCd cells, the terminal voltage will **not** remain fairly constant over the charge-life of the cells. So, you will **not** have 12 terminal volts available while you are using 14 amp-hours of coulombs. Terminal voltage will start decreasing as soon as the load is applied and will continue to decrease with time. This is due to the higher internal resistance of the alkaline cells as compared with NiCd cells.

72/73, George AMA 98452 R/C since 1964

Amateur Radio W5YR, in the 54th year and it just keeps getting better!
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County
QRP-L QRP-ARCI FISTS NORCAL ZOMBIE ARS 10-X 33.2 N 96.6 W EM13RE

ARDUJENSKI@aol.com wrote:

>
> At the WHITROOK site (<http://electronicsusa.com/batteryinfo.html>) there is
> info for Alkaline and NiCd batteries on ratings. For example a D-cell is
> rated for 14,000 mAh. Am I correct in assuming that if I series 8 of these I
> will have a 12V 14 Ah power source? Alan KB7MBI

Date: Wed, 15 Sep 1999 12:12:34 -0400 (EDT)
From: Caldera OpenLinux User <qrp@cisgw3.law.pace.edu>
To: qrp-l@Lehigh.EDU
Subject: [50438] Re: Nye-Viking Heavy Duty key
Message-ID: <Pine.LNX.4.05.9909151200370.27060-100000@www.cisg.law.pace.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Thanks for the info on the material of the key lever. I suspect that the base is made of some sort of zinc alloy (zamac?)

I've been using the Nye J-38 style, which has a steel keying lever. (Hasn't rusted yet.) I'm about to embark on the world of 2 meter cw and can use an extra key. :(

I did see, in a reproduction of a Sear, Roebuck catalog (@ 1900), an ad for an "improved" key that had as its improvement, the replacement of the brass key lever by steel. It was said that the steel lever was lighter

and therefor easier to key. (Don't know if this was, in fact, true.)

I've heard that some of the brass levers of some of the j-38 style keys of old's would bend after a while. Perhaps this is why Nye (actually Johnson, I guess) came out with the Heavy Duty model.

I guess I'm just a sucker for elemental, historical technology. I remember going by WCC down on Cape Cod as a little kid and wondering about all the exciting things going on in there. I think WCC actually came through on my family's living room radio in the 50's and 60's.

Dave
NN2D

Date: Wed, 15 Sep 1999 08:54:22 PDT
From: "Leon Heller" <leon_heller@hotmail.com>
To: kizerian@ced.utah.edu, qrp-1@Lehigh.EDU
Subject: [50439] Re: Ferrite Rod Inductors
Message-ID: <19990915155423.77189.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>From: Bruce Kizerian <kizerian@ced.utah.edu>
>Reply-To: kizerian@ced.utah.edu
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: Ferrite Rod Inductors
>Date: Wed, 15 Sep 1999 08:29:50 -0600

>

>Does anyone know of a good source for information on winding
>ferrite rod inductor?. I am especially interested in ways to
>minimize stray capacitance (capacity caused by interection
>between adjacent turns?).

>

"Wave winding" is often used on commercial ferrite rod antennas made for the lower frequencies. The winding is criss-crossed to minimise stray capacitance.

73, Leon

Leon Heller, G1HSM
Tel (work): +44 1327 357824
Tel (mobile): +44 79 9098 1221
Email:leon_heller@hotmail.com
Web page: <http://www.geocities.com/SiliconValley/Code/1835>

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Wed, 15 Sep 1999 12:21:08 -0400
From: "Tracy" <tracy@bytemark.com>
To: <kizerian@ced.utah.edu>
Cc: "QRP-L" <qrp-l@lehigh.EDU>
Subject: [50440] RE: Ferrite Rod Inductors
Message-ID: <NCBBICHAOKICOGKIDOOGCMECNAA.tracy@bytemark.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

SK Doug DeMaw wrote a book called "ferromagnetic core design and application handbook" that has a very informative section on rod inductors and antennas. It is probably the most informative information on rods I have seen.

You can get the book from ByteMark, Amidon and I think MFJ.
Tracy Markham
ByteMark, Amidon Distributor.
www.bytemark.com/amidon

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of
Bruce Kizerian
Sent: Wednesday, September 15, 1999 10:30 AM
To: Low Power Amateur Radio Discussion
Subject: Ferrite Rod Inductors

Does anyone know of a good source for information on winding

ferrite rod inductor?. I am especially interested in ways to minimize stray capacitance (capacity caused by interection between adjacent turns?).

Thanks in advance,

Bruce kk7zz

P.S. This is QRP related.

Date: Wed, 15 Sep 1999 10:55:02 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-l@lehigh.edu
Subject: [50441] Soldering Iron Temps
Message-ID: <199909151652.KAA09235@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

73
Marshall Emm
N1FN/VK5FN
n1fn@MorseX.com
Morse Express and Oak Hills Research
"Everything for the Morse Enthusiast"
<http://www.MorseX.com>
<http://www.ohr.com>
(303)752-3382
--

Date: Wed, 15 Sep 1999 08:57:28 -0700
From: "Ward Hill" <w_hill@ns.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [50442] QRP Afield
Message-ID: <001701beff93\$04228880\$180f9fcf@0zpu5>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

God, I would love to be out there but prior commitments preclude my

operation this year. Have fun all. I will be eating my heart out.

Ward Hill, N1IE
Engineer KOVR-TV
www.kovr13.com

Date: Wed, 15 Sep 1999 10:38:10 -0700 (PDT)
From: Jim Hale <kj5tf@yahoo.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [50443] Antenna reducing software needed
Message-ID: <19990915173810.29132.rocketmail@web704.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

There was a BASIC program called something like
"reduc3". I cant find it anymore.

It was very usefull in designing a reduced size dipole
antenna.

It will calculate nearly any % reduction, but
recommended only 30%. It gave you number of turns to
wind, for several size forms. And length of the wires
on either side of the coil.

-----//---(feedpoint)---\\-----
coil coil

I've seen another one that will do this, but you need
another program to design the coils, yada yada. Reduc3
is much easier to use.

I want to design a 40M (7.040mHz) centered dipole for
QRPTTF.

Keeping an eye on overall performance, I want to use
the lightest wire I can for coils, and smallest
diameter coil forms as well.

I hope to be able to design a 40M inverted Vee that my
20' Black Widow colapsable pole can support. If not
the pole, maybe a tree branch.

Thanks for any help either finding a copy of reduc3,
or other assistance. Jim KJ5TF

Do You Yahoo!?
Bid and sell for free at <http://auctions.yahoo.com>

Date: Wed, 15 Sep 1999 10:36:14 -0700
From: Allan G Taylor <k7gt@arrl.net>
To: qrp-1@lehigh.edu
Subject: [50444] Wanted: Wilderness Radio style cabinet latches
Message-ID: <37DFD90E.2CFF@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I need one or two sets of Wilderness Radio style cabinet latches and associated hardware. The Sierra I recently purchased built/used has a nice piano hinge mounted cabinet top but no latches. I will trade for future draft choice/karma or a few micro-\$. Also needed: 20m and 15m Sierra band modules.

Allan K7GT

--

	/	
	/	
Allan Taylor K7GT	/Z \	FISTS 3222 ARS 228
k7gt@arrl.net	/ /599 \	DXCC and WAS 40/cw
Pleasanton CA CM97aq	/_ /____ __\	http://www.qsl.net/k7gt
...QR0, QRP, or barefoot.....	[\--=====~/	

Date: Wed, 15 Sep 1999 12:17:34 -0500
From: "Cla KA0GKC" <ka0gkc@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [50445] Re: QRP-L. Let's take it back!!!
Message-ID: <004b01beffa4\$c19d8d40\$c764ced8@ka0gkc.ampr.org>

Hey I think it's great that some of these posts using this subject are now on radio topics, but please change the subject line to reflect the new topic. I don't want to miss good reading and this thread has been getting the delete key here as I'm still over 600 messages behind!

Thanks and 73 de Cla KA0GKC

Date: Wed, 15 Sep 1999 11:24:02 -0700
From: Jim <w7ls@blarg.net>
To: kj5tf@yahoo.com, qrp-1@lehigh.edu
Subject: [50446] Re: Antenna reducing software needed
Message-ID: <37DFE441.FCE460B0@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi, Jim. All it is is a curve that can be found in the ARRL Antenna Book. It shows the percentage of shortening on one axis, the placement of the loading coil in terms of percent from the center, and the inductance required to resonate it.

I don't know where to find a program for it. GL/73 de Jim, W7LS

Jim Hale wrote:

> There was a BASIC program called something like
> "reduc3". I cant find it anymore.
>
> It was very usefull in designing a reduced size dipole
> antenna.
>
> It will calculate nearly any % reduction, but
> recommended only 30%. It gave you number of turns to
> wind, for several size forms. And length of the wires
> on either side of the coil.
>
> -----///----(feedpoint)----\\\\-----
> coil coil
>
> I've seen another one that will do this, but you need
> another program to design the coils, yada yada. Reduc3
> is much easier to use.
>
> I want to design a 40M (7.040MHz) centered dipole for
> QRPTTF.
>
> Keeping an eye on overall performance, I want to use
> the lightest wire I can for coils, and smallest
> diameter coil forms as well.
>
> I hope to be able to design a 40M inverted Vee that my
> 20' Black Widow colapsable pole can support. If not
> the pole, maybe a tree branch.

Forwarded message:

>
> From bonroher2@juno.com Wed Sep 15 11:30:48 1999
> To: vole@primenet.com
> Subject: Wrangell Island, last QRP call for 1999
>
> Joe could you forward this to the QRP-L for me....
>
> We will top transmitting, Friday evening local time, or/after last Sked.
> of 0505Z 18 Sept.
> We will spend the last two days packing the gear and equipment out and
> closing up the site.
>
> -----
> Get the Internet just the way you want it.
> Free software, free e-mail, and free Internet access for a month!
> Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Wed, 15 Sep 1999 12:43:59 -0600
From: Niel Skousen <skousen@srv.net>
To: w7ox@mindspring.com, qrp-l@lehigh.edu
Subject: [50449] Re: DK9SQ Tower and Loop
Message-ID: <4.2.0.58.19990915124304.00ae5540@if.scientech.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Thanks for the info on the Loop, I checked the URL's but did not find a picture of the loop itself... Any setup pictures out there ??

Niel

Date: Wed, 15 Sep 1999 09:28:16 +0000
From: Goran Hosinsky <hosinsky@jet.es>
To: K2UD@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [50450] Re: [CW] Interesting Book Review...
Message-ID: <37DF66B0.8300C7CE@jet.es>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Where?

73

Goran ea8yu

K2UD@aol.com wrote:

> Yes, I gave The Victorian Internet a read. It is an excellent tome (that's a
> word I learned yesterday, and couldn't wait to use it in a sentence).
>
> I enjoyed the discussion of telegraphers being gentlemen (and gentlelady)
> operators, casting a favorable light on themselves. Isn't that the way it is
> with CW today? Of course, we already know this.
>
> Another book I would recommend is Come Quick, Danger, A History of Marine
> Radio in Canada. Though written about Canadian radio, it is revelant to all
> countries. Published by the Canadian Department of Fisheries and Oceans
> about the Canadian Coast Guard. Those interested, contact me, I'll look up
> the ordering information (can't find it right now).
>
> Two winners for those blah nights when the bands are all but shut down (like,
> recently!).
>
> 72
>
> Howard Kraus, K2UD

Date: Wed, 15 Sep 1999 13:13:47 -0600 (CST)
From: "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [50451] HP 650A Signal Generator
Message-ID: <Pine.OSF.4.10.9909151312170.11973-100000@duke.usask.ca>
MIME-version: 1.0
Content-type: TEXT/PLAIN; charset=US-ASCII

I saw an HP 650A advertized for \$50 Canadian. I was wondering, would something like that be useful in QRP Radio work, and what the market value would roughly be.

Thanks.

Brian.

+-----+
| Brian Buydens, Computing Services, University of Saskatchewan |

Guys we have 12 of the kits spoken for, with 33 left. Still time to get in on this one. Remember, if you are attending Pacificon and will build the kits and bring them, we will give them to you if you will send us \$4 for shipping. Kits are complete including crystals. The only thing you have to supply is a tuna can, we supply the case for the MRX. Such a deal!! To get on the list, send me an email stating you want to be part of this and use "NorCal Tuna Tin 2 Offer" in the subject line. I will confirm that you are on the list and tell you where to send the \$4. 72, Doug

Date: Wed, 15 Sep 1999 16:52:05 EDT
From: K2UD@aol.com
To: n5ib@juno.com
Cc: qrp-l@lehigh.edu
Subject: [50454] Re: Straight key found in junque boxe
Message-ID: <1338e6f3.251160f5@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

One of the guys on the CW list mentioned a Chinese key that was also very stiff in the tensioning. He discovered however, that with very close contact spacing, he was able to surpass his former sending speed quite a bit. Apparantly the Chinese were champions at high-speed sending with keys of this type. I wonder what alphabet they were sounding though!

Yes the tension was very tight, even at the lightest setting, but it was a joy for high speed work.

72

Howard Kraus, K2UD

Date: Wed, 15 Sep 1999 16:49:25 EDT
From: w4pj@w4bkx.ampr.org
To: qrp-l@lehigh.edu
Subject: [50455] Loop on fascia board (was Re: Antenna standoffs)
Message-ID: <91663@w4bkx.ampr.org>

I used insulated wire and a hot glue gun. Glued the wire in place abt. every foot or so and painted over it. Actually I painted the entire trim.<g> It was nearly invisible. Used Latex paint.

de (Scott) W4PJ
(Don't make something complicated out of something simple.)

Date: Wed, 15 Sep 1999 16:03:47 -0500
From: crc <crc@io.com>
To: w4pj@w4bkx.ampr.org, QRPL <QRP-L@Lehigh.EDU>
Subject: [50456] Re: Loop on fascia board (was Re: Antenna standoffs)
Message-ID: <37E009B3.FDC4775C@io.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

w4pj@w4bkx.ampr.org wrote:

> I used insulated wire and a hot glue gun. Glued the wire in place abt.
> every foot or so and painted over it.

A word to the wise , don't try this in South Texas, The hot glue will let go
about July.

Charlie Crouchet
WA5KRF

Date: Wed, 15 Sep 1999 16:12:47 -0500
From: Karl.Kanalz@optelinc.com
To: crc@io.com
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [50457] Re: Loop on fascia board (was Re: Antenna standoffs)
Message-ID: <862567ED.00750CF4.00@hdqsmtp01.optelinc.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

Boy! Ain't THAT the truth!

Karl K - W8TIF
McKinney, Texas

crc <crc@io.com> on 09/15/99 04:03:47 PM

Please respond to crc@io.com

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
cc: (bcc: Karl Kanalz/hdq/Optel)

Subject: Re: Loop on fascia board (was Re: Antenna standoffs)

w4pj@w4bkx.ampr.org wrote:

> I used insulated wire and a hot glue gun. Glued the wire in place abt.
> every foot or so and painted over it.

A word to the wise , don't try this in South Texas, The hot glue will let
go

about July.

Charlie Crouchet

WA5KRF

Date: Wed, 15 Sep 1999 17:24:09 +0000
From: "Benjamin F. Poinsett" <benmail@erols.com>
To: qrp-1@Lehigh.EDU
Cc: benmail@erols.com
Subject: [50458] Re: 1N735
Message-ID: <37DFD638.166C@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I can certainly depend on the QRP-1 list.

Thanks for all the replies I got on my 1N735 query.

The diode is used in a laptop computer's on board switch mode power supply. I was trying to troubleshoot the unit to use it for ham digital modes (RTTY, AMTOR, etc.).

When this power supply malfunctioned it "took out" a lot of components.

Thanks again -- 72 & 73,

Ben Poinsett, K3BP

Date: Wed, 15 Sep 1999 17:23:07 EDT
From: K2UD@aol.com
To: hosinsky@jet.es
Cc: qrp-l@lehigh.edu
Subject: [50459] Re: [CW] Interesting Book Review...
Message-ID: <c05f7d4d.2511683b@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hi Goran,

And all who might be interested in Come Quick, Danger. A History of Marine Radio in Canada.

Cat. No. T31-107-1998E
Call (800) 635-7943
Fax (819) 994-1498
Mail to: Canadian Government Publishing
PWGSC
350 Albert Street
Ottawa, Ontario K1A 0S9
VISA and Master Card: (800) 565-7757
And of course, <http://publications.pwgsc.gc.ca>
Make cheques payable to Receiver General of Canada
Shipping, handling and GST are extra.
\$21.95 in Canada, US \$21.95 in other countries

I really liked the book. A "real" review appears in DX Ontario (an SWL monthly, also excellent) March 1999.

72 all,

Howard Kraus, K2UD

Date: Wed, 15 Sep 1999 17:45:43 -0500 (CDT)
From: "Adam B. Kanis" <akanis@divis17.ped-gen.uiowa.edu>
To: qrp-l@lehigh.edu
Cc: paule@sfu.ca
Subject: [50460] Re: perforated foam source?
Message-ID: <Pine.LNX.4.04.9909151732470.13092-1000000@divis17.ped-gen.uiowa.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

paul,

> Anyone know a source of the perforated foam used in camera cases
> and the like, that can be pulled out in 1/2" square sections?

Porters Camera Store <http://www.porters.com> 1-800-553-2001
since you are considered "foreign" you may need to use 319/268-0104

on the web:
search for "replacement foam" and go to page 3, it's toward the bottom.

Product #'s 08-0294W (1 piece pre-cut = \$10.50)
08-0295W (1 piece pre-cut, 1 uncut = \$11.95)
(the cut is 18x13x2" and uncut is 18x13x1")

I'm probably going to order some of this for the hard case that i bought
from Harbor Freight that i'll likely be using for my Elecraft K2.

--adam

Adam B. Kanis, AK0P
adam-kanis@uiowa.edu QTH: Wellman, IA (Near Iowa City) EN41ck
--- ARRL:RSGB:QRP-ARCI:GQRP:QRP-L:NorCal:Iowa QRP:SEITS ---
** On the web at <http://genome33.ped-gen.uiowa.edu/hamradio> **

End of QRP-L Digest 1580

